

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 016777/0433	SERIAL NO. 09/668,154		
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		JC68 OCT 25 2000 PATENT & TRADEMARK OFFICE		APPLICANT Gautvik et al.			
				FILING DATE 9/25/2000	GROUP ART UNIT Unassigned		
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>MJ</i>	A1	4,624,926	11/86	Inouye et al.	435	253	RECEIVED
	A2	5,171,670	12/92	Kronenberg et al.	435	69.4	
	A3	3,886,132	05/75	Brewer et al.	530	324	NOV 28 2000
	A4	5,010,010	04/91	Gautvik et al.	435	252.3	
	A5	4,532,207	07/85	Brewer et al.	435	69.4	TECH CENTER 1600/2900
	A6	4,394,443	07/83	Weissman et al.	435	6	
	A7	4,338,397	07/82	Gilbert et al.	435	69.1	
	A8	4588684	05/86	Brake	435	69.4	
	A9	4546082	10/85	Kurhan et al.	435	69.4	
	A10	4237224	12/80	Cohen et al.	435	69.1	
	A11	4468464	08/84	Cohen et al.	438	320.1	
	A12	4366246	12/82	Riggs	435	69.8	
	A13	4425437	01/84	Riggs	435	320.1	
	A14	4264731	04/81	Shine	435	91.41	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
	A15	PCT/US83/01361	03/84	PCT			
	A16	2 094 833	09/82	Great Britain			
	A17	2 092 596	08/82	Great Britain			
	A18	0 123 544	10/84	Europe			
	A19	84/01173	03/84	PCT			
	A20	0 013 907 6	05/85	Europe			
	A21	0 038 183	10/81	Europe			
<i>U</i>	A22	0 163 406	12/85	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>MJ</i>	A23	Keutmann et al., "Complete Amino Acid Sequence of Human Parathyroid Hormone", Amer. Chem. Soc., Vol. 17, No. 26 (1978) pp. 5723-5729					
<i>MJ</i>	A24	G. Sofer et al., BioTechniques, Nov./Dec. 1983, pp. 798-203					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>362 15/10/2</i>			
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WMA	A25	Naylor et al., "Human Parathyroid Hormone Gene (PTH) is on Short Arm of Chromosome 11", <i>Somatic Cell Genetics</i> , Vol. 9, No. 5, 1983, pp. 609-616
		Ernst, Joachim F., "Efficient Secretion and Processing of Heterologous Proteins in <i>Saccharomyces cerevisiae</i> Is Medicated Solely by the Pre-segment of α -Factor Precursor", <i>DNA</i> vol. 7, No. 5, 1988, pp. 355-360
	A27	Hendy, G.N., (Abstract) "Cloning of Human Parathyroid Hormone mRNA and Gene", <i>Calcified Tissue International</i> , Vol. 36, 1984, pg. 286
		Born et al. (Abstract) "Expression of Human Preproparathyroid Hormone in <i>E. coli</i> and Yeast", <i>Calcified Tissue International</i> , Vol. 36 (suppl. 2), 1984, pg. 287
	A29	Breyel et al., (Abstract) Synthesis of Mature Human Parathyroid Hormone in <i>Escherichia Coli</i> ", <i>Calcified Tissue International</i> , Vol. 36 (Suppl. 2), 1984 pg. 297
		McDevitt et al., (Abstract) "Isolation of Human Parathyroid Hormone Genes", <i>Calcified Tissue International</i> , Vol. 31, 1980, pg 74
	A31	Born et al. (Abstract) "Expression of Human Preproparathyroid Hormone in <i>E. coli</i> and Yeast", <i>Calcified Tissue International</i> , Vol. 36, 1983, pg. 679
		Breyel et al., "Synthesis of Mature Human Parathyroid Hormone in <i>Escherichia Coli</i> ", <i>Third European Congress on Biotechnology</i> , Vol. III, 1984, pg. 363
	A33	Sung et al., "Hybrid gene synthesis: its application to the assembly of DNA sequences encoding the human Parathyroid hormones and analogues", <i>Biochem. Cell Biol.</i> , Vol. 64, 1986, pp. 133-138
		Kronenberg et al., "Studies of Parathyroid Hormone Secretion Using recombinant DNA Technology", <i>Endocrine control of bone and calcium metabolism</i> , 1984, pp. 217-220
	A35	Born et al., "Expression and Processing of Human Preproparathyroid Hormone in <i>Escherichia coli</i> ", <i>Experientia</i> , Vol. 39, 1983, pg. 659
		Vasicek et al., "Nucleotide sequence of the human parathyroid hormone gene", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 80, 1983, pp. 2127-2131
	A37	Kronenberg et al. "Cloning and nucleotide sequence of DNA coding for bovine preproparathyroid hormone", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 76, No. 10, 1979, pp. 4981-4985
		Hellerman et al., "secretion of human parathyroid hormone from rat pituitary cells infected with a recombinant Retrovirus encoding preproparathyroid hormone", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 81, 1984, pp. 5340-5344
	A39	Gordon et al., "Synthesis, restriction analysis, and molecular cloning of near full length DNA complementary To bovine parathyroid hormone mRNA" <i>Nucleic Acids Research</i> , vol. 8, 1980, pp. 5669-5683 (Abstract)

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)					
	A40	Gordon et al., "(abstract), "Molecular cloning and structural analysis of Near full-length DNA complementary To the mRNA Coding for Bovine Parathyroid Hormone", Fed. Proc., Vol. 39, No. 6, 1980, pg. 947			
	A41	Kronenberg et al., (abstract), "Structural Analysis of the Human parathyroid hormone gene", Calcified Tissue International, vol. 33, 1981, pg. 322			
	A42	Cantrell et al., "cDNA Cloning, Expression, and Activity of Human Granulocyte-Macrophage Colony-Stimulating Factor", Recombinant Lymphokines and their receptors, 1987, pp. 187-205			
	A43	Hendy, (abstract), "Cloning of Human Parathyroid Hormone mRNA and Gene", Calcified tissue International, Vol. 36, pg. 286, 1984			
	A44	Breyel et al., "Synthesis of mature Human parathyroid hormone in Escherichia coli", Third European Congress On Biotechnology, Vol. III, pg. 363 , 1984			
	A45	Hendy et al., "Nucleotide sequence of cloned cDNAs encoding Human Preproparathyroid hormone", Proc. Natl. Acad. Sci., USA Vol. 78, 1981, pg. 7365			
	A46	Brake et al., "Alpha-Factor-directed synthesis and secretion of mature foreign proteins in Saccharomyces Cerevisiae, 1984			
	A47	K. Kumagaye et al., J. Chromatography 327:327-332, 1985			
	A48	T. Kimura et al., Biochem Biophys Res. Comm. 114(2):493-499, 1983			
	A49	T. Fairwell et al., Biochemistry 22:2691-2697, 1983			
	A50	H. T. Keutmann et al., Biochemistry 13(8) 1646-1652, 1974			
	A51	H. D. Niall et al., proc. Nat. Acad. Sci. USA 71(2):384-388, 1974			
	A52	Watson, J. D. et al., "Recombinant DNA, A short course", Scientific American Books, pp. 2-16, New York, 1983			
	A53	R.W. Old et al., Principles of Gene manipulation an Introduction to Genetic Engineering", Blackwell Scientific Publications, 3 rd . ed., pp. 183-202, 1985			
	A54	M. S. Exposito, "yeast Molecular Biology – Recombinant DNA", Noyes publication, pp. 93-287, 1984			
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